

HUMAN GTP-RHO BINDING PROTEIN 2

ABSTRACT

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The invention provides isolated nucleic acids
5 that encode human GRBP2, and fragments thereof, vectors
for propagating and expressing human GRBP2 nucleic
acids, host cells comprising the nucleic acids and
vectors of the present invention, proteins, protein
fragments, and protein fusions of the human GRBP2, and
10 antibodies thereto. The invention further provides
transgenic cells and non-human organisms comprising
human GRBP2 nucleic acids, and transgenic cells and
non-human organisms with targeted disruption of the
endogenous orthologue of the human GRBP2 gene. The
15 invention further provides pharmaceutical formulations
of the nucleic acids, proteins, and antibodies of the
present invention, and diagnostic, investigational, and
therapeutic methods based on the human GRBP2 nucleic
acids, proteins, and antibodies of the present
20 invention.